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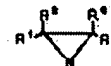
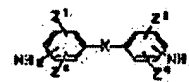
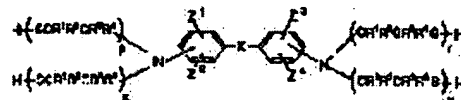
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(54) SULFUR-CONTAINING COMPOUND AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To produce a new sulfur-containing compound having a highly reactive amino group and a highly reactive mercapto group in the molecule and useful, e.g. as a curing agent for epoxy resins, a polymer modifier, a cross-linking agent, a vulcanization agent and a monomer for polymerization.

CONSTITUTION: A compound of formula I [X is nothing or O, S, sulfinyl, sulfonyl, amide or a 1 to 4C alkylene; R1 to R4 each is H, an alkyl or an aromatic; (p), (q), (r) and (s) are each 0 to 10, etc.; Z1 to Z4 each is H, a 1 to 4C alkyl or a 1 to 4C alkoxy, a halogen, cyano, nitro or trifluoromethyl]. This compound is synthesized by reacting an amino compound of formula II with a thiirane compound (e.g. ethylene sulfide) of formula III in a solvent (e.g. benzene) at room temperature to 200°C. The compound of formula I is excellent in electrical insulation properties and heat resistance because of its aromatic rings existing in the molecule.



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